

Internship Guide

- **Practice** : Use [InterviewBit](#) or [LeetCode](#) (or any other preferred platform) for coding practice. Be consistent and try to increase your score on a weekly or bi-weekly basis. Since only a few days left for tests so try to complete at least one question from each bucket (if following Interviewbit). Keep in mind that getting a good understanding of concepts is more important than points. If at all you're unable to solve the questions look at the solution and get a thorough understanding of it, don't just skim through it. Try to code the question before the average time limit.

Also, a lot of companies asks good questions on [dp](#) and [graphs](#), so try a good amount of questions on these topics, also some good companies ask questions on dfs + dsu, practice some questions of these topics on codeforces as well.

- **GFG algorithms section**: Practice all the question from each type of algorithm Category

Reference <https://www.geeksforgeeks.org/fundamentals-of-algorithms/>

- **Data structure example questions**: Go through all the DS concepts and practice questions from each category.

Reference <https://www.geeksforgeeks.org/data-structures/>

- **Interview experiences from GFG**: Before sitting in any interview do go through the company archives on GFG.

Reference

<https://www.geeksforgeeks.org/internship-interview-experiences-company-wise/>
<https://www.geeksforgeeks.org/company-preparation/>

- **CS basic concepts**: If you have mentioned interest in any CS related field like OS or networking then read out the articles from GFG. Not many companies focus on CS topics but having knowledge of these adds on to your chances of clearing the interviews.

Reference

<https://www.geeksforgeeks.org/articles-on-computer-science-subjects-gg/>

- **Probability**: Some companies(mainly GS) ask basic probability questions based on Bayes theorem etc.

Reference:

- **“Fifty challenging problems in probability”**(Book)
- <https://www.codechef.com/wiki/tutorial-expectation>

● **Dynamic Programming:** After reading the concepts over GFG and getting the gist of the topic from youtube videos as well, go through the following video tutorials from GFG before attempting the questions over interviewbit or any other platform.

<https://www.youtube.com/watch?v=mmjDZGSr7EA&list=PLqM7aIHxFySGbXhWx7sBJEwY2DnhDjmxm>

Important questions

The minimum set of questions for DP:

<https://www.geeksforgeeks.org/top-20-dynamic-programming-interview-questions/>

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